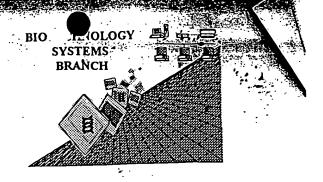
RAW SEQUENCE LISTING ERROR REPORT





The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: ____O

09/931,375

Date Processed by STIC:

Source:

RECEIVED

FEB 1 4 2002

TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: <u>09/931,375</u>
ATTN: NEW RULES CASES	PLEASE DISREGARD ENGLISH "ALPHA" HEA	DERS, WIIICH WERE INSERTED BY PTO SOFTWARE
Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped was retrieved in a word processor after creating is prevent "wrapping."	l" down to the next line. This may occur if your file it. Please adjust your right margin to .3; this will
2Invalid Line Length	The rules require that a line not exceed 72 characterists	eters in length. This includes white spaces.
3Misaligned Amino Numbering	The numbering under each 5 th amino acid is misause space characters, instead.	ligned. Do not use tab codes between numbers;
4Non-ASCII	The submitted file was not saved in ASCII(DOS) ensure your subsequent submission is saved in	text, as required by the Sequence Rules. Please ASCII text.
5Variable Length	Sequence(s) contain n's or Xaa's représenting cach n or Xaa can only represent a single residue having variable length and indicate in the	g more than one residue. Per Sequence Rules, ue. Please present the maximum number of each <220>-<223> section that some may be missing.
6PatentIn 2.0 "bug"	sequences(s) Normally, Patentin v	220>-<223> section to be missing from amino acid would automatically generate this section from the nanually copy the relevant <220>-<223> section to set to the mandatory <220>-<223> sections for
7Skipped Sequences (OLD RULES)	(2) INFORMATION FOR SEQ ID NO:X: (insert	Do not insert any subheadings under this heading)
	Please also adjust the "(ii) NUMBER OF SEQUE	NCES:" response to include the skipped sequences.
8Skipped Sequences (NEW RULES)	Sequence(s) missing. If intentional, pleated the sequence id number <400> sequence id number 000	se insert the following lines for each skipped sequence.
(NEW RULES)	Use of n's and/or Xaa's have been detected in the Per 1.823 of Sequence Rules, use of <220>-<223> In <220> to <223> section, please explain location	
Response	Per 1.823 of Sequence Rules, the only valid <213: scientific name (Genus/species). <220>-<223> se is Artificial Sequence	> responses are: Unknown, Artificial Sequence, or ction is required when <213> response is Unknown or
	Use of <220> to <223> is MANDATORY if <213 "Unknown." Please explain source of genetic mat	e" and associated numeric identifiers and responses. is "Organism" response is "Artificial Sequence" or erial in <220> to <223> section. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
"bug"	Please do not use "Copy to Disk" function of Pater resulting in missing mandatory numeric identifiers listing). Instead please use "File Manager" or any	and responses (as indicated on raw sequence

AMC - Biotechnology Systems Branch - 06/04/2001

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

OIPE

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4
       5
       6
'HERAPY OF
```

DATE: 08/23/2001 RAW SEQUENCE LISTING TIME: 17:07:12 PATENT APPLICATION: US/09/931,375

Input Set : A:\ES.txt

Output Set: N:\CRF3\08162001\1931375.raw

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<110> APPLICANT: WARMAN, Matthew L.
                                                                     Does Not Comply
             GONG, Yaoqin
             OLSEN, Bjorn R.
                                                                 Corrected Diskette Needed
             RAWADI, Georges
             ROMAN-ROMAN, Sergio
     9 <120> TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS
    10
             OSTEOPOROSIS
    12 <130> FILE REFERENCE: 38464-0004
:--> 14 <140> CURRENT APPLICATION NUMBER: US/09/931,375
:--> 14 <141> CURRENT FILING DATE: 2001-08-17
    14 <150> PRIOR APPLICATION NUMBER: US 60/304,851
    15 <151> PRIOR FILING DATE: 2001-07-13
    17 <150> PRIOR APPLICATION NUMBER: US 60/234,337
    18 <151> PRIOR FILING DATE: 2000-09-22
    20 <150> PRIOR APPLICATION NUMBER: US 60/226,119
    21 <151> PRIOR FILING DATE: 2000-08-18
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    29 <212> TYPE: DNA
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                                                                             120
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    37 ggctgcccgg cccccgccgc ggcctcgccg ctcctgctat ttgccaaccg ccgggacgta
                                                                             180
                                                                             240
    39 cggctggtgg acgccggcgg agtcaagctg gagtccacca tcgtggtcag cggcctggag
                                                                             300
    41 gatgcggccg cagtggactt ccagttttcc aagggagccg tgtactggac agacgtgagc
                                                                             360
    43 gaggaggcca tcaagcagac ctacctgaac cagacggggg ccgccgtgca gaacgtggtc
                                                                             420
    45 atotocggco tggtototoc ogacggcoto gootgcgact gggtgggcaa gaagotgtac
                                                                             480
    47 tggacggact cagagaccaa ccgcatcgag gtggccaacc tcaatggcac atcccggaag
    49 gtgctcttct ggcaggacct tgaccagcct agggccatcg ccttggaccc cgctcacggg
                                                                             540
                                                                             600
    51 tacatgtact ggacagactg gggtgagacg ccccggattg agcgggcagg gatggatggc
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    53 agcaccegga agatcattgt ggacteggac atttactgge ccaatggact gaccategae
                                                                             720
    55 ctggaggagc agaagctcta ctgggctgac gccaagctca gcttcatcca ccgtgccaac
    57 ctggacgget cgttccggca gaaggtggtg gagggcagcc tgacgcaccc cttcgccctg
                                                                             780
                                                                             840
    59 acgetetecg gggaeaetet gtaetggaea gaetggeaga eeegeteeat ceatgeetge
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    61 aacaagcgca ctggggggaa gaggaaggag atcctgagtg ccctctactc acccatggac
                                                                             960
    63 atccaggtgc tgagccagga gcggcagcct ttcttccaca ctcgctgtga ggaggacaat
                                                                            1020
    65 ggcggctgct cccacctgtg cctgctgtcc ccaagcgagc ctttctacac atgcgcctgc
                                                                            1080
    67 cccacqqqtq tqcaqctqca qqacaacqqc aqqacqtqta aggcaggagc cgaggaggtg
    69 ctgctgctgg cccggcggac ggacctacgg aggatctcgc tggacacgcc ggacttcacc
                                                                            1140
                                                                            1200
    71 gacategtge tgcaggtgga egacateegg caegecattg ceategacta egaceegeta
    73 gagggetatg tetaetggae agatgaegag gtgegggeea teegeaggge gtaeetggae
                                                                            1260
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   .75 qqqtctqqqq cqcaqacqct qqtcaacacc gagatcaacg accccgatgg catcgcggtc
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    79 cgcctcaacg gcacctcccg caagatcctg gtgtcggagg acctggacga gccccgagcc
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1440

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/931,375

DATE: 08/23/2001 TIME: 17:07:12

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Output Set: N:\CRF3\08162001\1931375.raw

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85 1	tggcccaacg	gcctggccct	ggacctgcag	gaggggaagc	tctactgggg	agacgccaag	1620
87 a	acagacaaga	tcgaggtgat	caatgttgat	gggacgaaga	ggcggaccct	cctggaggac	1680
89 a	aagctcccgc	acattttcgg	gttcacgctg	ctgggggact	tcatctactg	gactgactgg	1740
91 (cagegeegea	gcatcgagcg	ggtgcacaag	gtcaaggcca	gccgggacgt	catcattgac	1800
93 (cagctgcccg	acctgatggg	gctcaaagct	gtgaatgtgg	ccaaggtcgt	cggaaccaac	1860
95 (ccatatacaa	acaggaacgg	ggggtgcagc	cacctgtgct	tcttcacacc	ccacgcaacc	1920
97 (caatataact	gccccatcgg	cctggagctg	ctgagtgaca	tgaagacctg	catcgtgcct	1980
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101	aacaacqacq	tggccatccc	gctcacgggc	gtcaaggagg	cctcagccct	ggactttgat	2100
103	gtgtccaaca	accacatcta	ctggacagac	gtcagcctga	agaccatcag	ccgcgccttc	2160
			gcacgtggtg				2220
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113	ccgaggatcg	tacaaacctt	catggacggg	accaactgca	tgacgctggt	ggacaaggtg	2460
115	aaccaaacca	acgaceteac	cattgactac	gctgaccagc	gcctctactg	gaccgacctg	2520
			gtccaacatg				2580
110	gatetecege	accontton	tctgacgcag	tacagogatt	atatetactg	gacagactgg	2640
121	aatctgcaca	gcattgagcg	ggccgacaag	actagogue	ggaaccgcac	cctcatccag	2700
123	aaccacctaa	acttentnat	ggacatcctg	atattecaet	cctcccgcca	ggatggcctc	2760
125	aatgactgta	tocacaacaa	cgggcagtgt	gagcagctat	geettgeeat	ccccaacaac	2820
127	caccactaca	actacacct	acactacacc	. ctagacccca	gcagccgcaa	ctgcagcccg	2880
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121	cocaccacci	. coccyclycl	cayccayaaa cctgcccctg	catggeeuceu	gccggacgae	agccatcgac	3000
			catctactgg				3060
125	nargacccac	. cygacaagci	ctttgttttg	acctetetea	gccagaacae	aaacccagac	3120
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			cacegacacc				3240
			ggccatcgtc				3300
							3360
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14/	ggcaagctgt	. tetgggtgga	cgcggacctg	adycycally	ayayccycya	gaggatggtt	3540
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157	tgctcccaca	tetgtattge	caagggtgat	. gggacaccac	ggtgeteatg	eccagtecae	
159	ctcgtgctcc	tgcagaacct	gctgacctgt	ggagagccgc	ccaccigcic	ceeggaceag	3840
			ı gatcgactgt				3900
			r cgacgaggag				3960
			, tgtggacctg				4020
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			catcaaacag				4140
171	ggctccgacg	agctcatgtg	, tgaaatcacc	aagccgccct	cagacgacag	cccggcccac	4200
173	agcagtgcca	tegggeeegt	cattggcatc	atcctctctc	tcttcgtcat	gggtggtgtc	4260
175	tattttgtgt	. gccagcgcgt	ggtgtgccag	cgctatgcgg	gggccaacgg	gcccttcccg	4320
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RAW SEQUENCE LISTING DATE: 08/23/2001 PATENT APPLICATION: US/09/931,375 TIME: 17:07:12

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Output Set: N:\CRF3\08162001\1931375.raw

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181	1 atggggggc ggggggggt geoectgtae gaeeggaaee aegteaeagg ggeotegtee 49												4500				
183	o aquagocoga coagoacyaa gycontyctyyyyyyyyyyyy												4560				
185	J Coddegaga accepton formand June June 1													4620			
187	actgcgagac cgtacaggcc ctacatcatt cgaggaatgg cgcccccgac gacgccctgc													4680			
189	9 agcaccgacg tgtgtgacag cgactacage gecageeget ggaaggeeag caagtactae 1 etggatttga acteggacte agaceeetat eeaceeecae eeacgeeeca cageeagtae														4740		
191	ctg	gatti	tga a	actc	ggact	c ag	gacco	cctat	. cca	accc	cac	ccad	egcco	cca d	cagco	cagtac	4800
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199	199 ttaaaaaata aatataattg ggattttaaa aacatgagaa atgtgaactg tgatggggtg													5040			
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215				20					25					30			
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218			35					40					45				
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221	_	50					55					60					
223	Ala	Ala	Ala	Val	Asp	Phe	Gln	Phe	Ser	Lys	Gly	Ala	Val	Tyr	Trp	Thr	
224					_	70					75					80	
226	Asp	Val	Ser	Glu	Glu	Ala	Ile	Lys	Gln	Thr	Tyr	Leu	Asn	Gln	Thr	Gly	
227	_				85					90					95		
229	Ala	Ala	Val	Gln	Asn	Val	Val	Ile	Ser	Gly	Leu	Val	Ser	Pro	Asp	Gly	
230				100					105		•			110			
232	Leu	Ala	Cys	Asp	Trp	Val	Gly	Lys	Lys	Leu	Tyr	Trp	Thr	Asp	Ser	Glu	
233			115					120					125				
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238	Leu	Phe	Trp	Gln	Asp	Leu	Asp	Gln	Pro	Arg	Ala	Ile	Ala	Leu	Asp	Pro	
239	145					150					155					160	
241	Ala	His	Gly	Tyr	Met	Tyr	Trp	Thr	Asp	Trp	Gly	Glu	Thr	Pro	Arg	Ile	
242					165					170	-				175		
244	Glu	Arg	Ala	Gly	Met	Asp	Gly	Ser	Thr	Arg	Lys	Ile	Ile	Val	Asp	Ser	
245				180					185					190			
247	Asp	Ile	Tyr	Trp	Pro	Asn	Gly	Leu	Thr	Ile	Asp	Leu	Glu	Glu	Gln	Lys	
248	•		195					200					205				
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251		210					215					220					
253	Asp	Gly	Ser	Phe	Arg	Gln	Lys	Val	Val	Glu	Gly	Ser	Leu	Thr	His	Pro	
254	225					230					235					240	
256	Phe	Ala	Leu	Thr	Leu	Ser	Gly	Asp	Thr	Leu	Tyr	Trp	Thr	Asp	Trp	Gln	
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RAW SEQUENCE LISTING DATE: 08/23/2001 PATENT APPLICATION: US/09/931,375 TIME: 17:07:12

Input Set : A:\ES.txt

Output Set: N:\CRF3\08162001\I931375.raw

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263	GIU	116	275	261	AIU	neu	171	280	110	nec	пор	110	285	vul	Dou	501
	Gln	Glu	Arg	Gln	Pro	Phe		His	Thr	Arg	Cys		Glu	Asp	Asn	Gly
266	01	290	Cor	uic	T OU	Cvc	295	Leu	Sor	Dro	Sor	300	Dro	Dho	ጥህዮ	Thr
	305	Cys.	ser	urs	ьеu	310	Leu	neu	261	FIO	315	GIU	FIO	rne	1 7 1	320
		Ala	Cys	Pro	Thr	Gly	Val	Gln	Leu	Gln	Asp	Asn	Gly	Arg	Thr	Cys
272	_	.1.	G3	.1-	325	G1	37-1	T 0.11	T ou	330	7.1 a	7 ~~	λκα	mh.∽	335	Lou
274	ьуs	Ата	GIY	340	GIU	GIU	val	Leu	345	reu	ніа	Alg	AIG	350	АБР	Бец
	Arg	Arg	Ile		Leu	Asp	Thr	Pro	Asp	Phe	Thr	Asp		Val	Leu	Gln
278			355		_			360		~ 1 -		m	365	D	Ŧ	61
280 281	Val	370	Asp	IIe	Arg	His	A1a 375	Ile	Ala	ше	Asp	380	ASP	PIO	rea	GIU
-	Gly		Val	Tyr	Trp	Thr		Asp	Glu	Val	Arg		Ile	Arg	Arg	Ala
	385					390					395					400
	Tyr	Leu	Asp	Gly	Ser 405	Gly	Ala	Gln	Thr	Leu 410	Val	Asn	Thr	GIu	11e 415	Asn
287 289	Asp	Pro	Asp	Gly		Ala	Val	Asp	Trp		Ala	Arg	Asn	Leu		Trp
290	_			420					425					430		
	Thr	Asp		Gly	Thr	Asp	Arg	Ile	Glu	Val	Thr	Arg		Asn	Gly	Thr
293	Ser	Δra	435	Tle	T.eu	Va 1	Ser	440 Glu	Asp	Leu	Asp	Glu	445 Pro	Ara	Ala	Ile
296		450	_				455					460				
		Leu	His	Pro	Val		Gly	Leu	Met	Tyr		Thr	Asp	Trp	Gly	
	465	Pro	T.v.e	Tle	Glu	470	Δla	Asn	T.e.u	Asn	475	Gln	Glu	Arα	Ara	480 Val
302	A3II	110	цуз	110	485			21511	Leu	490	OI,	0	014	9	495	
	Leu	Val	Asn		Ser	Leu	Gly	Trp		Asn	Gly	Leu	Ala		Asp	Leu
305	Cln	C1.,	Clar	500	Lou	Пиг	Trn	Gly	505	λla	T.ve	Thr	Δen	510 Lvs	Tle	Glu
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311	T 0	530	ni e	Tlo	Dho	C1	535	Thr	Lou	LOU	Clv	540	Dho	Tla	ጥህን	Ψrn
	545	PIO	HIS	TTE	PHE	550	PHE	TIII	Бец	ьеи	555	vsh	FILE	116	1 7 1	560
		Asp	Trp	Gln	Arg	Arg	Ser	Ile	Glu	Arg	Val	His	Lys	Val		Ala
317	_			1	565		_	-1	_	570	.	-		01	575	T
319 320	Ser	Arg	Asp	Val 580	He	ше	Asp	Gln	ьеи 585	Pro	Asp	Leu	мет	590	Leu	гÀг
	Ala	Val	Asn		Ala	Lys	Val	Val		Thr	Asn	Pro	Cys		Asp	Arg
323			595					600	_				605			
	Asn	_	Gly	Cys	Ser	His	Leu 615	Cys	Phe	Phe	Thr	Pro 620	His	Ala	Thr	Arg
326 328	Cvs	610 Glv	Cvs	Pro	Ile	Glv		Glu	Leu	Leu	Ser		Met	Lys	Thr	Cys
329	625	_	_			630					635					640
331	Ile	Val	Pro	Glu	Ala	Phe	Leu	Val	Phe	Thr	Ser	Arg	Ala	Ala	Ile	His

RAW SEQUENCE LISTING DATE: 08/23/2001 PATENT APPLICATION: US/09/931,375 TIME: 17:07:12

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Output Set: N:\CRF3\08162001\I931375.raw

332					645					650					655	
	Arg	Ile	Ser	Leu		Thr	Asn	Asn	Asn		Val	Ala	Ile	Pro	Leu	Thr
335	_			660					665	•				670		
337	Gly	Val	Lys	Glu	Ala	Ser	Ala	Leu	Asp	Phe	Asp	Val	Ser	Asn	Asn	His
338	_		675					680					685			
340	Ile	Tyr	Trp	Thr	Asp	Val	Ser	Leu	Lys	Thr	Ile	Ser	Arg	Ala	Phe	Met
341		690					695					700				
343	Asn	Gly	Ser	Ser	Val	Glu	His	Val	Val	Glu	Phe	Gly	Leu	Asp	Tyr	Pro
	705					710					715					720
346	Glu	Gly	Met	Ala		Asp	\mathtt{Trp}	Met	Gly	Lys	Asn	Leu	Tyr	Trp	Ala	Asp
347					725					730					735	
	Thr	Gly	Thr		Arg	Ile	Glu	Val		Arg	Leu	Asp	Gly		Phe	Arg
350		_		740				_	745	_	_	_	_	750		_
	Gln	Val		Val	Trp	Arg	Asp		Asp	Asn	Pro	Arg		Leu	Ala	Leu
353		_	755	- -	a 1.	m .	-1.	760		m1	01	m	765	61	T	Dwa
	Asp		Thr	Lys	GIY	Tyr		Tyr	Trp	Thr	GIu		GIY	GIY	гÀг	Pro
356		770	17_ 1	3		Dh.	775		01	m 1	N	780	Ma+	mh m	T 0	17 n 1
	Arg	116	vai	Arg	Ald	790	мес	ASP	GTA	TILL	795	Cys	mec	1111	Leu	800
	785 Asp	T 0	17-1	C1.,	7 ~~		N a n	7 an	T OU	Whr		λαη	Птех	λΙα	λαη	
362		пÃ2	vai	GIY	805	АТа	ASII	ASP	ьeu	810	116	лэр	1 Y T	ліа	815	GIII
	Arg	Ι.Δ11	ጥኒንድ	Trn		Δen	T.Ou	Δen	Thr		Met	Tle	Glu	Ser		Asn
365	_	пец	1 7 1	820	1111	пор	Бец	пор	825	non	1100	110	Olu	830	DCI	11011
	Met	Len	Glv		Glu	Ara	Val	Val		Ala	Asp	Asp	Leu		His	Pro
368			835			5		840					845			
370	Phe	Gly	Leu	Thr	Gln	Tyr	Ser	Asp	Tyr	Ile	Tyr	Trp	Thr	Asp	Trp	Asn
371		850				-	855	_	_		_	860				
373	Leu	His	Ser	Ile	Glu	Arg	Ala	Asp	Lys	Thr	Ser	Gly	Arg	Asn	Arg	Thr
	865					870					875					880
376	Leu	Ile	Gln	Gly		Leu	Asp	Phe	Val	Met	Asp	Ile	Leu	Val		His
377					885					890					895	_
	Ser	Ser	Arg		Asp	Gly	Leu	Asn	_	Cys	Met	His	Asn		Gly	Gln
380				900	_	_			905				_	910	~ 1	_
	Cys	GLA		Leu	Cys	Leu	Ala		Pro	GLY	GLY	His		Cys	GLY	Cys
383		a	915	m	m 1	Ŧ		920	G	0	3		925	0	Dwa	Dwa
_	Ala		HIS	Tyr	Thr	Leu		Pro	ser	ser	Arg	940	Cys	ser	Pro	PIO
386	mh »	930	Dho	T ou	Lou	Dho	935	Cln	T 17.5	Cor	ת 1 ת		Cor	λκα	Mot	Tlo
	Thr 945	THE	Pile	neu	neu	950	ser	GIII	пуѕ	361	955	TTE	Ser	ALG	Mec	960
	Pro	Aen	λen	Gln	ніс		Pro	Δen	T.e.u	Tle		Pro	T.e.11	Hic	Glv	
392	110	лэр	пор	0111	965	DCI	110	пор	Deu	970	DCu	110	<u> L</u> Cu	*****	975	Dea
	Arg	Asn	Val	Lvs		Tle	Asp	Tvr	Asp		Leu	Asp	Lvs	Phe		Tvr
395	9			980				-1-	985				-1-	990		-1-
	Trp	Val	Asp	Gly	Arq	Gln	Asn	Ile	Lys	s Arc	Ala	Lys	. Asp) As	p G	y Thr
398	•		995	•	-			1000	_	-	-	-	100		-	_
	Gln	Pro	Phe	va]	Leu	Thi	Sei	: Le	eu Se	er Gl	ln G]	Ly Gl	Ln A	Asn F	ro A	Asp
401		1010					101						20			
403	Arg	Gln	Pro	His	a Asp	Leu	ı Ser	: Il	e As	sp Il	le Ty	r Se	er A	\rg. 1	hr I	Leu
404		1025	5				103	30				10	35			

Page Gol 8A

Errored 09/931,375

210> 3 211> 20 212> DNA 213> Artificial Sequence

:400> 3 :getgeect agaettagee

210> 4 211> 18 212> DNA 213> Artificial Sequence

.400> 4 caagteget teegagae

210> 5 211> 20 212> DNA 213> Artificial Sequence

400> 5

(Then the 213 response is required in field 223.

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

20

18



VERIFICATION SUMMARY

PATENT APPLICATION: US/09/931,375

DATE: 08/23/2001 TIME: 17:07:13

Input Set : A:\ES.txt

Output Set: N:\CRF3\08162001\1931375.raw

```
J:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
5:528 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:528 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
1:537 M:258 W: Mandatory Feature missing, <220> FEATURE:
2:537 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
2:546 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:546 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:555 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:555 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
5:564 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:564 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:573 M:258 W: Mandatory Feature missing, <220> FEATURE:
J:573 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
1:582 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:582 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
J:591 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:591 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
3:600 M:258 W: Mandatory Feature missing, <220> FEATURE:
2:600 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION: 2:609 M:258 W: Mandatory Feature missing, <220> FEATURE:
::609 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
::618 M:258 W: Mandatory Feature missing, <220> FEATURE:
::618 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
J:627 M:258 W: Mandatory Feature missing, <220> FEATURE:
.:627 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
1:636 M:258 W: Mandatory Feature missing, <220> FEATURE:
1:636 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
1:645 M:258 W: Mandatory Feature missing, <220> FEATURE:
::645 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
::654 M:258 W: Mandatory Feature missing, <220> FEATURE:
.:654 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
::663 M:258 W: Mandatory Feature missing, <220> FEATURE:
.:663 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
.:672 M:258 W: Mandatory Feature missing, <220> FEATURE: .:672 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
::681 M:258 W: Mandatory Feature missing, <220> FEATURE:
.:681 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
.:690 M:258 W: Mandatory Feature missing, <220> FEATURE:
::690 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
::699 M:258 W: Mandatory Feature missing, <220> FEATURE:
::699 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
:708 M:258 W: Mandatory Feature missing, <220> FEATURE:
.:708 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
::717 M:258 W: Mandatory Feature missing, <220> FEATURE:
:717 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
.:726 M:258 W: Mandatory Feature missing, <220> FEATURE:
.:726 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
```



VERIFICATION SUMMARY

PATENT APPLICATION: US/09/931,375

DATE: 08/23/2001 TIME: 17:07:13

Input Set : A:\ES.txt

Output Set: N:\CRF3\08162001\I931375.raw

1:735 M:258 W: Mandatory Feature missing, <220> FEATURE:

::735 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

1:744 M:258 W: Mandatory Feature missing, <220> FEATURE:

J:744 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

.:787 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32 1:862 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:40